

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/766,765	WARE ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	KHAI TRAN	2611	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to \_\_\_\_.
2. ☐ The allowed claim(s) is/are \_\_\_\_.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |                                                                                                                    |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)                                                   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                               | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date ____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date ____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material         | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|                                                                                                                    | 9. <input type="checkbox"/> Other ____.                                               |

### ***REASONS FOR ALLOWANCE***

1. The amendment filed 1/17/2006 has been entered. Claim 3 has been cancelled. Claims 1-2, 4-44 are pending in this Office action.

### ***Information Disclosure Statement***

2. The information disclosure statement filed 1/17/2006 has not been considered as to the merits because the only duplicate reference (Carson 2003/0026399) filed on July 19, 2004 has been crossed out (see paper 3 of 11) and this duplicate reference has been considered and initialed by the Examiner on the IDS filed 1/28/2004, please see paper 6 of 11 of 1449A/PTO (row A19) mailed on 10/17/2005 to the Applicant. The rest of the references have been considered and initialed by the Examiner.

### ***Allowable Subject Matter***

3. Claims 1-2, 4-44 are allowed.
4. The following is an examiner's statement of reasons for allowance: Olafsson fails to disclose transmitting the calibration pattern on the communication link using the transmitter on the first component, receiving the calibration pattern on the communication link using the receiver on the second component, executing a calibration cycle including transmitting a calibration pattern using the transmitter on the first component and receiving the calibration pattern using the receiver on the second component with the first parameter set to a calibration value, and determining a calibrated value of the first parameter in response to the received calibration pattern and getting the first operation value to said calibrated value; and

Art Unit: 2611

prior to determining the calibrated value of the calibration cycle, transmitting data using the transmitter on the second component and receiving the data using the receiver on the first component with the second parameter set to the second operation value as recited in claims 1, 3, 14; re-coupling the data source to the transmitter on the first component and setting the first parameter to the operation value as recited in claims 2 and 18, transmitting the stored calibration pattern using the transmitter on the second component and receiving the data using the receiver on the first component with the second parameter set to the operation value; and analyzing the stored calibration pattern using logic at the first component and determining a calibrated value of said first parameter in response to said analyzing as recited in claim 31, the calibration cycle including iteratively adjusting the value other first edge parameter, transmitting a calibration pattern using the transmitter on the first component, receiving the calibration pattern using the receiver on the second component, and comparing the received calibration pattern with a stored calibration pattern, to determine an updated value for the first edge value, the calibration cycle also including iteratively adjusting the value of the second edge parameter, transmitting a calibration pattern using the transmitter on the first component, receiving the calibration pattern using the receiver on the second component, and comparing the received calibration pattern with a stored calibration pattern, to determine an updated value for the second edge value; and as a result of the calibration cycle, determining a new operation value for the parameter based on the function of the updated values of the first and second edge parameters.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAI TRAN whose telephone number is (571) 272-3019. The examiner can normally be reached on 7:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JAY PATEL can be reached on (571) 272-2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
KHAI TRAN  
Primary Examiner  
Art Unit 2611